## What is claimed is:

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1. A medical package for shipping medical components and for disposing of the medical components contaminated with medical waste after use comprising:

a container having a bottom surface and sidewalls forming an opening; and

a lid configured to attach to the container to cover the opening in a first orientation when the medical components are enclosed in the container during shipment and in a second orientation different from the first orientation when the used medical components contaminated with medical waste are enclosed in the container during disposal.

- 2. The medial package of claim 1 wherein a first volume is enclosed within the container when the lid is in the first orientation and wherein a second volume is enclosed within the container when the lid is in the second orientation, the second volume being greater than the first volume.
- 3. The medical package of claim 1 wherein the lid forms a seal about the opening in the container when in the second orientation such that fluid medical waste can be contained in the container.
- A method of disposing of used medical components comprising: supplying a packaging system for shipment of the medical
   components, the packaging system comprising a container having an interior surface and an opening, and a lid configured to attach to the container in a manner that covers the opening in one of a shipping orientation and a disposal orientation which is different from the shipping orientation;

placing the used medical components in the container in which they were shipped; and

covering the container with the lid attached in the disposal orientation.

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5. A method of packaging medical components from shipping to disposal comprising:

providing a packaging system including a container having an interior surface and an opening, and a lid configured to be oriented with respect to the container in a first position when shipping medical components and in a second position, different from the first position, when disposing of the medical components;

enclosing the medical components in the container with the lid positioned in the first position;

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removing the medical components from the container;
using the medical components in a medical procedure; and
placing the used medical components in the container with the lid
positioned in the second position.

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6. The method of claim 5 wherein placing the medical components in the container with the lid in the first position forms a first enclosed volume within the container and placing the used medical components in the container with the lid in the second position forms a second enclosed volume within the container, the second volume being greater than the first volume.

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7. A method of packaging medical components from shipping to disposal comprising:

providing a packaging system including a container having an interior surface and an opening, and a lid configured to cover the opening, the

lid being shaped to cover the opening in a shipping position enclosing a first volume within the container and a disposal position enclosing a second volume within the container, the second volume being greater than the first volume;

enclosing the medical components within the container with the

5 lid in the shipping position;

removing the medical products from the container;
using the medical components in a medical procedure; and
enclosing the used medical components within the container with
the lid in the disposal position.

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8. The method of claim 7 wherein the shipping position is different from the disposal position.